

# US Army Corps of Engineers

## Albuquerque District

# Water Resources and the Role of the Army Corps of Engineers

**Ryan Gronewold, P.E.**  
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**US Army Corps of Engineers**  
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# Civil Works Mission

## Water Resource Development

- ▶ Flood Risk Management
  - Dams, Levees, Floodplain Management, Emergency Operations
- ▶ Environmental Stewardship
  - 1990 Water Resources Development Act
  - Rio Grande Environmental Management Program
- ▶ Recreation
  - Cochiti Lake
- ▶ Navigation
- ▶ Infrastructure
  - 2012 Infrastructure Strategy



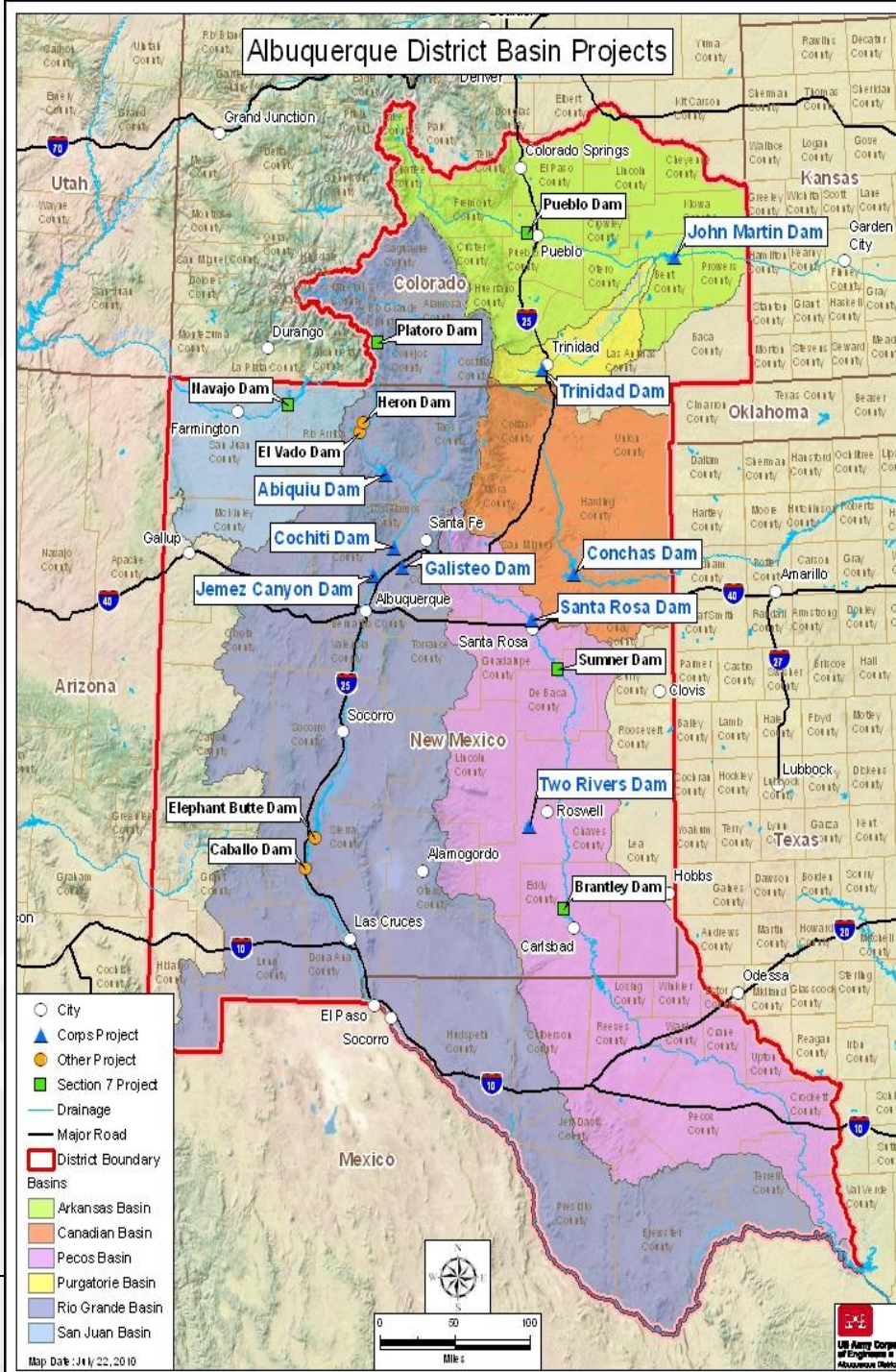
# Transforming Civil Works Process

- ▶ Modernize Project Planning
  - Produce Concise Chief of Engineer's Reports Faster and Lower Cost
  - 3x3x3
- ▶ Enhance and Refine the Budget Development Process
  - Systems Oriented Watershed Approach
  - Collaboration with Stakeholders
  - Innovative Financing
- ▶ Evaluate Water Resources Projects through a Smart Infrastructure Strategy
  - Evaluate assets in their Value to the Nation and their current performance in meeting project purposes
  - Seek alternative and innovative funding to meet the nations high value infrastructure needs
- ▶ Improve Methods of Delivery to Produce Critical Products and Services on Schedule
- ▶ Engage other Governmental and Non-Governmental Partners in working toward National, Regional, and Local Priorities



# Federal Dams in Albuquerque District

- Navajo Dam (USBR), San Juan River
- Conchas Dam (USACE), Canadian River
- Santa Rosa Dam (USACE), Pecos River
- Sumner Dam (USBR), Pecos River
- Two Rivers Dam (USACE), Pecos River
- Brantley Dam (USBR), Pecos River
- Platoro Dam (USBR), Conejos/Rio Grande
- Heron Dam (USBR), Rio Chama/Rio Grande
- El Vado Dam (USBR), Rio Chama/Rio Grande
- Abiquiu Dam (USACE), Rio Chama/Rio Grande
- Cochiti Dam (USACE), Rio Grande
- Galisteo Dam (USACE), Galisteo/Rio Grande
- Jemez Canyon Dam (USACE), Jemez/Rio Grande
- Elephant Butte Dam (USBR), Rio Grande
- Caballo Dam (USBR), Rio Grande
- Pueblo Dam (USBR), Arkansas River
- Trinidad Dam (USACE), Puratoire/Arkansas River
- John Martin Dam (USACE), Arkansas River



# Corps Role

## ► Collaboration with Stakeholders

- Watershed Based Approach
- Evaluate Performance of Existing Infrastructure
- Communicate the Process
- Seek Innovative Financing

## ► Advise Congress

- Evaluate Effects of Proposed Actions
- Cochiti Baseline Study



# ***Questions?***



# Studies – CO, NM, TX

- Rio Grande Basin, CO, NM, TX
  - ▶ Salinity Management Study from San Acacia to Ft. Quitman
    - Study will document existing salinity data, develop baseline salinity budget, identify critical data gaps, develop management alternatives, and conduct assessment of economic damages.
    - Part 1 of study completed in 2009.
    - Part 2 of study completed in 2011.
    - Execution underway of FCSA amendment for Pecos Salinity and completion of mainstem study.
  - ▶ Included in FY 14 Omnibus Bill for \$300K



# Construction, CO, NM, TX

- Rio Grande Environmental Management Program
  - ▶ Authorized by Water Resource Development Act of 2007
  - ▶ Covers Rio Grande and all tributaries from headwaters to Gulf of Mexico
    - Program for planning, construction and evaluation of fish and wildlife rehabilitation and enhancements
    - Long term monitoring plan, computerized data inventory and analysis, applied research and adaptive management program.
    - Report to Congress/habitat needs assessment
  - ▶ Potential extension to 2024 in WRDA 2014.



# WRDA 2013

- Passed by Senate in May 2013
- Passed by House in October 2013
- Conference Initiated in February 2014
- Main Provisions:
  - ▶ Extends authorizations for:
    - Rio Grande Environmental Management Program (2024)
    - Tribal Partnership Program
  - ▶ Proposes regional variances for vegetation on levees
  - ▶ Post Disaster Watershed Assessment
  - ▶ Dam operations and Water Control Manual updates
  - ▶ Congressional approval for adding water supply storage



# Planning Assistance to States

- Report to support FY 16 Budget request for Rio Grande Environmental Management Program
- Federal funding available in FY 14
- Cost sharing agreement currently under review by state of Colorado

